

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form 9-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 2/13/78			
Company AMOCO PRODUCTION COMPANY				Connection El Paso Natural Gas Company					
Pool Choza Mesa				Formation Pictured Cliffs				Unit	
Completion Date 2/4/78		Total Depth 4150'		Plug Back TD 4103'		Elevation		Farm or Lease Name Valencia Canyon Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 4150'	Perforations: From 3861 To 4044				Well No. 11	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4032'	Perforations: From Open Ended To				Unit Sec. Twp. Rge. D 26 28 4	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tbng.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg .65	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run	Taps

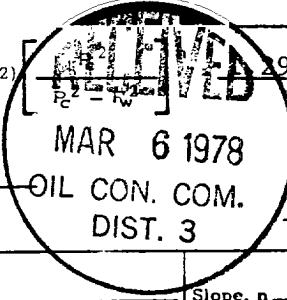
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F
SI	9 days						984		984	
1.	2.375	0.750					175	60°	500	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		-187	1.000	.9608	1.017	2259
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 996	P _c ² 992016	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3592$	(2) $\frac{P_c^2}{P_c^2 - P_w^2} = 2980$
NO.	P _t ²	P _w	P _w ²
1		512	262144
2			
3			
4			
5			

ADP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2932$



Absolute Open Flow	2932 Mcfd @ 15.025	Angle of Slope θ	Slope, n .85
Remarks:			

Approved By Commission:	Conducted By: T.M. Oliver	Calculated By: T.M.O./M.J.F.	Checked By: J. L. Krupka
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